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## CLAIMS:

- Sub C1
- 1 A catch assembly for securing first and second members, the assembly comprising first and second catch members attachable to the first and second members respectively, each catch member having a projection portion located on a shaft, the projections of the first and second catch members being engageable with one another when the first and second catch members are in a locked position, the first and second shaft portions being flexible, such that as the members are moved apart or together when the catch members are in the locked position, the shafts flex to keep the projections engaged with one another.
- 2 A catch assembly according to claim 1, wherein at least a part of one of the catch members is capable of permanently deforming as the first and second members are moved.
- Sub A1
- 3 A catch assembly according to ~~any preceding claim~~, wherein the shaft of each catch member flexes away from the member to which is attached as the members are moved apart.
- 4 A catch assembly according to ~~any preceding claim~~, wherein the catch members comprise a material which has a Young's Modulus of more than  $62\text{GNm}^{-2}$  ( $9 \times 10^6$  psi).
- 5 A catch assembly according to claim 4, wherein the catch members comprise a material which has a Young's modulus of at least  $103\text{GNm}^{-2}$  ( $15 \times 10^6$  psi).
- Sub A2
- 6 A catch assembly according to ~~any preceding claim~~, wherein the catch members comprise metal or plastics.

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7 A catch assembly according to claim 6, wherein the catch members comprise at least one of UPVC, aluminium, iron or stainless steel.

Sub A3 8 A catch assembly according to ~~any preceding~~ claim, wherein the shaft moves angularly as it flexes.

9 A catch assembly according to claim 8, wherein the shaft is capable of moving through at least 25° from its rest position during flexing.

Sub H4 10 A catch assembly according to ~~any preceding~~ claim, wherein the shaft of the catch members is "L" shaped with one end of the L being attached to the respective member and the projection being attached to the other end of the shaft.

11 A catch assembly according to claim 10, wherein the shaft flexes such that the angle at the corner of the L is varied as the members are moved apart or together.

Sub A5 12 A catch assembly according to ~~any preceding~~ claim, having a plurality of said catches.

13 A catch assembly according to claim 12, wherein the plurality of catches are arranged along a whole length of at least one of the first and second members.

Sub A6 14 A catch assembly according to any of claims 12 ~~to 13~~, wherein at least one catch is orientated in a first orientation, and at least one other catch is oriented in a second orientation.

15 A catch assembly according to claim 14, wherein the first orientation is substantially opposite to the second orientation.

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- Sub A7
- 16 A catch assembly according to ~~either~~ of claims 14 and 15, wherein a plurality of catches are oriented in a first orientation and a plurality of catches are oriented in a second orientation wherein the catches of the first orientation are alternately arranged with the catches of the second orientation.
- 17 A catch assembly according to ~~any preceding claim,~~ further comprising a lock member wherein the lock member is configured to move the first and second catch members into a locked position.
- 18 A catch assembly according to claim 17, wherein movement of the lock affects movement of a catch member.
- 19 A catch assembly according to claim 17, wherein movement of the lock affects movement of a member and a catch member.
- Sub A8
- 20 A sliding member assembly, comprising first and second members wherein at least one member slides relative to the other member and a catch assembly according to ~~any of claims 1 to 19.~~
- 21 A sliding member according to claim 20, comprising at least two first catch members at least wherein a first catch member being located on opposing sides of the first member.
- Sub A9
- 22 A sliding member assembly according to ~~either~~ of claims 20 ~~or 21,~~ wherein the first member is a sliding door, sliding window, sliding grille or a drawer.
- 23 A hinged member assembly, comprising first and second members wherein the first member is a hinged member and is capable of being secured in a closed position to the second member, the assembly further comprising a

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catch assembly for securing the first and second members together, wherein the catch assembly is a catch assembly according to ~~any~~ of claims 1 to 19.

- 24 A hinged member assembly according to claim 23, wherein the first member is a hinged door, hinged window or hinged grille.
- 25 A catch assembly as substantially hereinbefore described with reference to any of the accompanying drawings.
- 26 A sliding member assembly as substantially hereinbefore described with reference to any of Figures 1 to 9.
- 27 A hinged member assembly as substantially hereinbefore described with reference to Figure 10.

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